



Industrial trucks—Verification of stability

Part 13: Rough terrain trucks with mast

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- Australian Industrial Truck Association
 - Australian Industry Group
 - Construction and Mining Equipment Industry Group
 - Hire and Rental Industry Association of Australia
 - Safety Institute of Australia
 - WorkCover New South Wales
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-

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Australian Standard[®]

**Industrial trucks—Verification of
stability**

Part 13: Rough-terrain trucks with mast

Originally as AS 2359.17—2008.
Revised and redesignated in part as AS ISO 22915.13:2015.

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PREFACE

This Standard was prepared by the Standards Australia Committee ME-026, Industrial Trucks, to supersede AS 2359.17, *Powered industrial trucks, Part 17: Stability tests for rough terrain trucks (ISO 8379:1998, MOD)*.

The objective of this Standard is to provide designers and manufacturers of rough terrain trucks with a mast, the test criteria when conducting stability tests. It is to be used in conjunction with AS ISO 22915.1, *Industrial trucks—Verification of stability, Part 1: General*.

This Standard is identical with, and has been reproduced from ISO 22915-13:2012, *Industrial trucks—Verification of stability, Part 13: Rough-terrain trucks with mast*.

The first edition of ISO 22915-13, together with ISO 22915-14, cancels and replaces ISO 8379:1998, of which it constitutes a technical revision.

ISO 22915-13:2012 has issued a Technical Corrigendum 1 (ISO 22915-13:2012/Cor. 1:2013). This corrigendum states the following.

Page 5 Replace the first page of table 1 with the following, thereby correcting the indication of the position of the mast for Test 3 and 5 to full reward.

As this Standard is reproduced from an International Standard, the following applies:

- (a) In the source text ‘this part of ISO 22915’ should read ‘Australian Standard’.
- (b) A full point substitutes for a comma when referring to a decimal marker.

References to International Standards should be replaced by references to Australian or Australian/New Zealand Standards, as follows:

<i>Reference to International Standard</i>	<i>Australian Standard</i>
ISO	AS
5053 Powered industrial trucks— Terminology	2359 Powered industrial trucks 2359.7 Part 7: Terminology
22915 Industrial trucks—Verification of stability	AS ISO 22915 Industrial trucks—Verification of stability
22915-1 Part 1: General	22915.1 Part 1: General

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AUSTRALIAN STANDARD

Industrial trucks—Verification of stability**Part 13:
Rough-terrain trucks with mast****1 Scope**

This part of ISO 22915 specifies the tests for verifying the stability of rough-terrain counterbalanced trucks with mast, equipped with fork arms or with load handling attachments with a rated load up to and including 10 000 kg. It is not applicable to those trucks designed for handling freight containers.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 5053, *Powered industrial trucks — Terminology*

ISO 22915-1, *Industrial trucks — Verification of stability — Part 1: General*

3 Terms and definitions

For the purpose of this document the terms and definitions given in ISO 5053 and ISO 22915-1 apply.

4 Test conditions**4.1 General**

See ISO 22915-1.

4.2 Position of truck on the tilt table**4.2.1 Load and drive/steer axles**

The load and drive/steer axles are defined by Figure 1.